

ABSTRACT

A material application apparatus 10 comprises a base 11 on which a workpiece W is placed, a syringe 13 that applies a material onto a movement track L, a movement structure 14 that moves the syringe 13 in three orthogonal axes directions, a rotation mechanism 15 that rotates the syringe 13 around the axis line of the syringe 13, and a control unit 17 that controls the movement structure 14 and the rotation mechanism 15 in accordance with a configuration of the track L. The syringe 13 includes a nozzle 19 provided to the front-end side of a main body 18 that contains a sealing agent or a material of resin used as an adhesive agent or the like. The discharge port 21 of the nozzle 19 is formed into a generally acute-angled triangle configuration to discharge the material so that a bead B having a sectional configuration in which the height is larger than 0.9 compared to the width of 1 can be formed. Also, the nozzle is adapted so as to be rotated in the periphery direction thereof by a motor M.